172/2018-19.

ಪುಟ್ಟಲತೆ ಕೆ.ಎಂ. ಎಸ್ಟಿಮೇಟ್ ನಂ.07
ಆಗಿರುತ್ತದೆ.

7101 ರಲ್ಲಿ ಆದೇಶ 497200 ರಲ್ಲಿ ಆಗಿರುತ್ತದೆ.

Executive Engineer
Byatarayanapura Division
Yalahanka Zone, B.B.M.P.
Bangalore-560092
07/12

M. A. R. 57 (Rule 116)
Measurement Book

No. B 497101

Premeasurements:-

Serial No. First / Final bill:-

Name of Work Maintenance of electrical crematorium building in hebbal in ward-7,

Name of Contractor of nature of Agency byatarayanapura.

Date of commencement of work Sri. B.M. Munirāju

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Est cost:-	10.00 lakhs					
	Job code:-	007-18-000047					
	Head of account:-	P3240					
	D.S.NO:-	DL/EE/BTP/205/17-18 ;dt: 13.03.18					
	T.S.NO:-	TS/EE/BTP/138/17-18 ; dt: 13.03.18					
	Agr no:-	No. EE/BTP/Agr/45/18-19; dt: 19.07.18					
	Work order no:-	No. EE/BTP/100/45/18-19; dt: 19.07.18					
	Work order amount:-	932549.50.					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No.01:- Premeasurements recorded on:- 13-06-19						
	Earthworks excavation and forming in embankment.;						
	For pathway infront of burial ground:	01	31.0	7.0	0.30	= 65.10	
	For platfoorme to fix benches	01	34.0	2.0	0.30	= 20.40	
	over-burden-earth:	01	20.0	3.0	0.30	= 18.0	
		01	19.0	2.50	0.30	= 14.25	
		01	5.0	1.50	0.30	= 2.25	
						120.0 cum	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ..
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Item No.02:- Premeasurem
	Providing and la
	1:4:8 using 40mm.,
	for pathway infront of burial ground.
	For platfoorme to fix benches.

Assistant Executive Engineer.
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P..
Bangalore.

Contents	Reference to last Measurement
7	8
mbankment.)	
= 65.10	
= 20.40	
= 18.0	
= 14.25	
= 2.25	
120.0 cum	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

497102

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No.02:- Premeasurements recorded on:- 19-06-19						
	Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40mm.,						
	for pathway infront of burial ground.	01	31.0	1.0	0.15	= 32.55	
	for platforms to fix benches.	01	24.0	1.50	0.15	= 5.40	
						37.95 cum	
				Qty ltd to.		37.50 cum	

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Bangalore.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No.03:- Premeasurements recorded on: 20-06-19						
	Providing and laying in position plain cement concrete of mix 1:2:4; with cement @ 240 kgs., with 20mm.,						
	For pathway in front of burial ground:	01	31.0	7.0	0.10	= 21.70	
	For platforms to fix benches.	01	24.0	1.50	0.10	= 3.60	
						25.30 cum	
	Qty ltd to 25.0 cum						

Clerk 1/11 20/6/19

Assistant Executive Engineer.
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

AE(U4)

Serial No. MAIN-BILL:-
Name of Work .....
Name of Contractor of nature of Age
Date of commencement of work .....

Date	Full description, etc, of wo
1	2
	Item No.01:- Earthwor
	means in ordinary
	from borrow pits)
	Line and level,
	Qty vide p
	At the rat

pth 6	Contents 7	Reference to last Measurement 8
	cement concrete of mix 1:2:4;	
10 =	21.70	
10 =	3.60	
	25.30 cum	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 497103

Serial No. MAIN-BILL:-

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Item No.01:- Earthwork excavation and forming in embankment by manual means in ordinary soil (when earth is taken from bank cutting or from borrow pits) including breaking of clods, spreading to required line and level, forming and cost of all labour complete.,						
	Qty vide page no 497101 →					120.0 cum	
	At the rate of Rs: 118.0 →						14160.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No 02:- Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40mm and down size graded granite metal machine mixed, concrete laid in layers not exceeding 15cms th well compacted in foundation and plinth, including cost of all materials labour, HOM of machinery, curing complete.,						
	Qty vide page no. 497/102 →			37.50 cum			
	At the rate of Rs. 5493.0 →						205987.50
	Item No 03:- Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum & fine						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	aggregates @ 0.459 cum
	exceeding 15cms, th
	including cost of all m
	Qty vide page n
	At the rate of Rs
	Item No 04:- Providing and
	Interlocks pavers, using
	blocks of approved size

Depth 6	Contents 7	Reference to last Measurement 8
	plain cement concrete of n size graded granite metal not exceeding 15cms th well luding cost of all materials plete., 0 cum	
		205987.50
	con plain cement concrete h 20mm and down size ates @ 0.69 cum & fine	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 497104

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	aggregates @ 0.459 cum, machine mixed concrete laid in layers not exceeding 15cms, th well compacted, in foundation, plinth and cills including cost of all materials labour HOM machinery curing complete Qty vide page no. 497102 → 25 cum th the rate of Rs. 6141.0 →						153525.00
	Item.No.04:- Providing and laying heavy duty cobble stones 60mm th, interlocks pavers, using cement and course sand for manufacture of blocks of approved size.,						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	for pathway in front of burial ground.	01	31.0	2.0	-	= 62	
					qty ltd to=	60 sqm	
	At the rate of Rs.	1030.0 →					61800.00
Item.No.05:-	Providing flooring with cement design concrete design concrete tiles of approved colour design for external flooring to the floor. The thickness of the tiles should be minimum of 10mm and should be minimum - M-52 conforming in cement mortar 1:3 and using redoxide colours to fill the joints in the tiles etc., complete including the cost of material, labour, transportation, all taxes charges etc.,						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	for platforms for benches.
	At the rate of Rs
Item.No.06:-	Providing and
	out of cc 1:2:4 of siz
	for platforms for benches

OK

Depth 6	Contents 7	Reference to last Measurement 8
-	= 62	
d to =	60 sqm	
		61800.00
gn concrete design concrete		
nal flooring to the floor.		
imum of 10mm and should		
mortar 1:3 and using		
ticles etc., complete		
, transportation, all		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 497105

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	for platforms for benches.	01 x	24.0	2.0	2.1 =	100.80	
					q+y Ltd to =	100.0 sqm	
	At the rate of Rs. 1437.0 →						143700.00
	Item No.06:- Providing and fixing pre-cast concrete kerb stones made out of cc 1:2:4 of size 450x200x400mm.,						
	for platforms for benches	88	-	-	- =	88nos	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	At the rate of Rs.	411.0	→				36168.00
	Item No.07:- Providing and applying ready mix priming coat over concrete / masonry / asbestos cement sheet / plastered surfaces including preparing the surface after thoroughly cleaning of oil, grease, dirt and other foreign matter and sand papering including cost of materials, labour complete.						
		88	0.45	-	-	= 39.60	
						= 39.60 Sqm	
	At the rate of Rs. 300 →						11880.00

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Item No.08:- Providing Crematorium Sahakaranagara Coffee Board park Amruthanagara park
	At the rate of Rs.

epth 6	Contents 7	Reference to last Measurement 8
		36168.00
priming coat over plastered surfaces thoroughly cleaning of ter and sand papering lete.		
=	39.60	
=	39.60 sqm	
		1188.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 497106

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Item No.08:- Providing and fixing ornamental benches.,						
	Crematorium	06	-	-	-	= 06	
	Sahakaranagara	10	-	-	-	= 10	
	Coffee board park	07	-	-	-	= 07	
	Amruthanagara park	11	-	-	-	= 11	
						34 nos	
	At the rate of Rs.	8883.00 →					302022.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No 09:- loading and unloading of stone aggregates | sand | kankar | moorum.					boulder | stone	
	Qty vide item no 01 →		120.0 cum				
	At the rate of Rs. 110.0 →						13200.00
			Grand total=			931750.50	
			Abstly. N.D AE(Civil) 18/7				

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bengalore.
29/7/19

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	Royalty 2- statement
Sl.no	Details
02	40mm - 37.5 cum
03	20mm - 25.0 cum
	Total=
	Abstract:-
1)	Coarse - aggregate=
2)	fine- aggregate:

pth 6	Contents 7	Reference to last Measurement 8
ne	boulder	stone
		13200.00
=	931750.50	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

497107

Serial No. .....

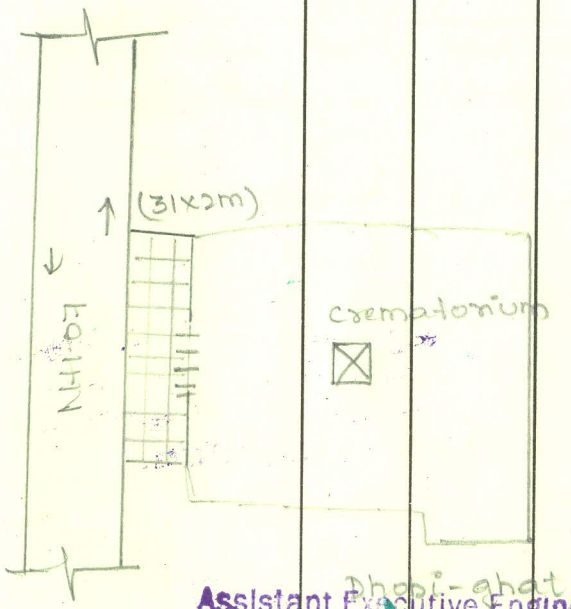
Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length Coarse 4	Breadth 5	Depth Fine 6		
	Royalty statement:-						
Sl.no	Details	co-eff	qty	co-eff	qty		
02	40mm - 37.5 cum	0.96	36.0	0.48	18.0		
03	20mm - 25.0 cum	0.90	22.5	0.45	11.25		
	Total=		58.5		29.25		
	Abstract:-						
1)	Coarse - aggregate:	58.5 x	108	cum =	6318		
2)	fine- aggregate:	29.25 x	103	cum =	3012		
					9330.0		

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
							

Dhobi-ghat

PLAN

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.

Serial No. .....
Name of Work .....
Name of Contractor of nature of
Date of commencement of work

Date	Full description, etc, of
1	Certificate:-
1)	certified that
2)	certified that

AEE/Hlj.N.D
AE(W)

OOK

Depth 6	Contents 7	Reference to last Measurement 8
		N
PLAN	Asst Ll. N.D AE(W2)	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 497108

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Certificate:-						
	1) certified that the contractor has completed the work satisfactorily.						
	2) certified that debris has been removed from the work spot.						
	Asst Ll. N.D AE(W2)						

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.